

Completed Pollution Prevention Project Case Study

United States Department of Energy
Office of Environmental Management
Fact Sheet

Reports Compilation Compact Disk

Los Alamos National Laboratory

Original Problem

For three years scientists gathered data for a series of 30 reports to help formulate the Endangered Species Habitat Management Plan. Each set of reports contained 1850 pages, and 275 sets of reports were needed for distribution to various individuals and agencies. A printed set of reports cost \$187.50 and weighed over 18 pounds. The amount of paper required to print all of the reports is equivalent to 25 trees.

The Project Solution

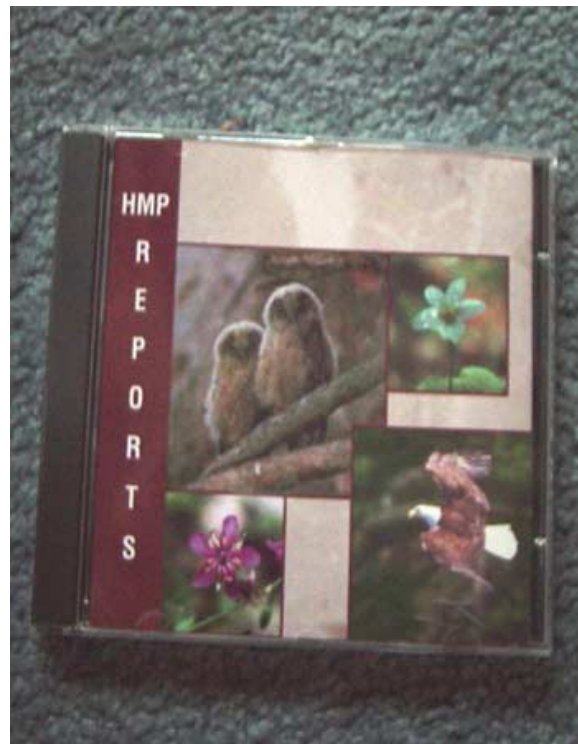
The 30 reports were compiled onto compact disks instead of printed on paper, and 275 copies of the CD were distributed. The CD was easy to use, cheap to produce, and the reports could be searched using a computer. The actual Habitat Management Plan that was created using data from the 30 reports was also produced on CDs for training purposes.

Value of Improvement

Each CD only cost \$37 to produce, saving of nearly 80% over the paper version. The 275 CDs together weighed only 55 pounds, so over 5000 pounds of raw materials were saved. The CD reports are easier to handle and more functional than the paper reports since the CD reports can be searched with a computer.

Lifecycle Waste Reduction

Lifecycle Waste Reduction	5080 lbs paper
Commencement Date	1999
Project Useful Life (Years)	Indefinite



DOE Monetary Benefits

Total Project Cost	NA
Lifecycle Savings	\$40,000
Return on Investment	NA

Benefits At-A-Glance

- Reduces the amount of natural resources and printing chemicals required.
- The ability to search for keywords on the CD increases the functionality of the reports.
- Making CDs instead of large paper sets reduces printing and shipping expenses.

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Summary Data	
Priority Area:	Waste Minimization Projects
Project Type:	Source Reduction
Total Project Cost:	NA
Lifecycle Savings:	\$41,250 for this project
Implementing Group:	ESH-20 / CIC-1
Benefiting Group:	ESH-20
Useful Life Years:	Indefinite
Return on Investment:	NA
Lifecycle Waste Reduction:	5080 pounds of paper for this project
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